

LUD 5543.3 CONT (10027207)AMENDMENTS TO THE CLAIMS

1. (Previously presented) An isolated nucleic acid molecule which encodes a T cell inducible factor which is a protein and which activates STAT3, the complementary sequence of which hybridizes, under stringent conditions defined as 65°C in a 3.5xSSC buffer, 0.02% Ficoll, 0.02% polyvinyl pyrrolidone, 0.02% bovine serum albumin, 25mM NaH2PO4 (pH7), 0.1% SDS, 2mM EDTA, followed by a final wash at 2xSSC room temperature, and 0.1xSSC/0.2% SDS at a temperature up to about 65°C, to at least one of SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 24 or SEQ ID NO: 25.
2. (Canceled)
3. (Original) The isolated nucleic acid molecule of claim 1, wherein said molecule is cDNA.
4. (Original) The isolated nucleic acid molecule of claim 1, wherein said molecule is genomic DNA.
- 5-6. (Canceled)
7. (Original) An isolated nucleic acid molecule which encodes the protein encoded by the isolated nucleic acid molecule of claim 1.
8. (Original) Expression vector comprising the isolated nucleic acid molecule of claim 1, operably linked to a promoter.
9. (Canceled)
10. (Original) Expression vector comprising the isolated nucleic acid molecule of claim 3, operably linked to a promoter.

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11. (Original) Expression vector comprising the isolated nucleic acid molecule of claim 4, operably linked to a promoter.
- 12-13. (Cancelled)
14. (Original) Recombinant cell comprising the isolated nucleic acid molecule of claim 1.
15. (Currently Amended) Recombinant cell comprising the isolated nucleic acid molecule of claim 32.
16. (Original) Recombinant cell comprising the expression vector of claim 8.
17. (Cancelled)
18. (Original) Recombinant cell comprising the expression vector of claim 10.
19. (Original) Recombinant cell comprising the expression vector of claim 11.
- 20-49. (Cancelled)
50. (Previously presented) The isolated nucleic acid molecule of claim 1, wherein said T cell inducible factor which activates STAT3, has a molecule weight of from about 17 to about 30 kilodaltons, as determined by SDS-PAGE.
51. (Previously presented) The isolated nucleic acid molecule of claim 1, which encodes a human T cell derived inducible factor.
52. (Previously presented) The isolated nucleic acid molecule of claim 1, which encodes a murine T cell derived inducible factor.
53. (previously presented) An isolated nucleic acid molecule which encodes a protein consisting of all but about the first 20 amino acids of the protein encoded by the nucleotide sequence set forth at SEQ ID NO: 7, 8, 9, 24, 25 or 29.

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54. (previously presented) The isolated nucleic acid molecule of claim 53, which encodes a protein consisting of all but about the first 40 amino acids of the protein encoded by the nucleotide sequence set forth at SEQ ID NO: 7, 8, 9, 24, 25 or 29.
55. (previously presented) The isolated nucleic acid molecule of claim 53, which encodes all but the first 20 amino acids of the protein encoded by the nucleotide sequence set forth at SEQ ID NO: 7, 8, 9, 24, 25 or 29.
56. (previously presented) The isolated nucleic acid molecule of claim 53, which encodes all but the first 40 amino acids encoded by the protein encoded by the nucleotide sequence set forth at SEQ ID NO: 7, 8, 9, 24, 25 or 29.